

ABSTRACT OF THE DISCLOSURE

A black and white photothermographic material is imaged and heat developed to provide an image that has an image tone that is characterized such that the value for b^* at an optical density of 1.0 is greater than the value for b^* at

5 D_{min} . This material is useful for recording medical images used for diagnosis, particularly those images which have been captured through computed radiography, digital radiography, or by digitally scanning a conventional wet-processed radiographic film.